



App. No. 09/932,240

Amst. sent April 29, 2005

Reply to Office Action of January 13, 2005

PATENT

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

- 1                   1.       (currently amended) A computer system comprising:  
2                   at least one upper node device each having at least one connection port[[,]];  
3                   an information exchanger connected to the connection port for controlling packet  
4 transfer[[,]]; and  
5                   a storage controller connected to the information exchanger for passing a packet  
6 via the information exchanger with the upper node device, wherein  
7                   the storage controller has a control table containing identification information of  
8 the upper node device, identification information of the connection port and security information  
9 of the connection port, and when connection status of an input/output port was changed in the  
10 upper node device, replacement of the connection port is detected by the storage controller on the  
11 basis of information notified from the information exchanger, and in the control table, the  
12 identification information of the connection port before replacement is replaced with  
13 identification information of the connection port after the replacement, and in case that the  
14 security information of the connection port before replacement was access enabled, security  
15 information of the connection port after replacement is set to be access enabled in the control  
16 table, and for a newly added input/output port, identification information of corresponding upper  
17 node device, identification information of the newly added input/output port and security  
18 information in which access disabled is set are registered in the control table.
- 1                   2.       (original) The computer system as claimed in Claim 1, wherein upon  
2 detection of disconnection of a first connection port from the information exchanger and  
3 connection of a second connection port to the information exchanger, the storage controller  
4 detects that the first connection port is replaced by the second connection port.

1                    3.        (original) The computer system as claimed in Claim 1, wherein the  
2 control table is provided for each of the upper node devices.

4-9.        (canceled)

1                    10.        (original) The computer system as claimed in Claim 1, wherein interface  
2 between the upper node device and the storage controller is a fiber channel standardized by  
3 ANSI X3T11.

11.        (canceled)

1                    12.        (original) The computer system as claimed in Claim 3, wherein the  
2 storage controller is connected to a storage device having a plurality of storage domains and the  
3 access enabled/disabled state is managed for each of the storage domains and for each of the  
4 fiber channel ports.

13-24. (canceled)